

Title (en)
RETRACTABLE TOWER

Publication
EP 0469269 B1 19930804 (DE)

Application
EP 91109853 A 19910615

Priority
DE 4024574 A 19900802

Abstract (en)
[origin: EP0469269A1] Extendible and retractable tower having a plurality of tower elements (2) which can be lined up next to one another to form a helical surface, the individual turns of which can be joined with the aid of positive connections and supporting members constructed as integral components at the upper and lower edges of the tower elements, having at least one lifting apparatus (3), at least one tower-element magazine (8) and at least one device for introducing the tower elements into the lifting apparatus. The individual tower elements (2) can, on the one hand, be connected to form a tower-element composite structure which is homogeneous in terms of statics and stability, and can, on the other hand be stored in a magazine. The tower element first guided out of the tower-element magazine and introduced into the lifting apparatus forms an upper terminal element (2a). The extension of the tower is performed by introducing further tower elements and lifting the tower-element composite structure. The tower element introduced last forms a base-side terminal element (2b) <IMAGE>

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E04H 12/18

IPC 8 full level
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